

Claims

1. Supporting frame for a monitoring scale which comprises a weighing cell (14) supported on the supporting frame and, for the transport of the goods to be weighed, a weighing belt (15) supported on the weighing cell (14) and moving in a circle in a longitudinal direction, with, extending in the longitudinal direction, a longitudinal supporting frame part (1) to which, extending in a direction transverse to the longitudinal direction and serving to support the supporting frame on the floor, at least one transverse supporting frame part (2, 2') is fixed, characterized by the fact that the transverse part (2, 2') is configured in the form of a flat plate whose principal plane extends in a direction transverse to the longitudinal direction.
2. Supporting frame according to claim 1, characterized by the fact that one plate-like transverse part (2, 2') is disposed at each of the two longitudinal ends of the longitudinal part (1).
3. Supporting frame according to claim 1 or 2, characterized by the fact that at least one additional supporting frame part (3, 3', 3'') is provided extending parallel to the longitudinal part (1) and fixed to each of the plate-like transverse parts (2, 2').
4. Supporting frame according to claim 3, characterized by the fact that each of the additional supporting frame parts (3, 3', 3'') has a cross section smaller than that of the longitudinal part (1).
5. Supporting frame according to one of claims 1 to 4, characterized by the fact that each of the plate-like transverse parts (2, 2') has an essentially rectangular basic form.
6. Supporting frame according to claim 3 or 4, characterized by the fact that the longitudinal part (1) is disposed on an inner area of each plate-like transverse part (2, 2') and each additional supporting frame part (3, 3', 3'') extending parallel thereto is disposed on an edge area of the plate-like transverse part (2, 2'), where said edge area encircles the inner area.

7. Supporting frame according to one of claims 1 to 6, characterized by the fact that the longitudinal part (1) is a tube which is rigid with respect to bending.
8. Supporting frame according to one of claims 1 to 7, characterized by the fact that the cross section of the longitudinal section (1) and / or each additional supporting frame part (3, 3', 3'') extending parallel thereto is formed so as to be convex in its area facing away from the base.

9. Supporting frame according to one of claims 1 to 8, characterized by the fact that the longitudinal part (1) is a hollow tube provided with a filling opening (53) for a ballast material.
10. Supporting frame according to claim 9, characterized by the fact that the filling opening (53) is formed by an open front side on a longitudinal end of the hollow tube (1).
11. Supporting frame according to one of claims 1 to 10, characterized by the fact that to the plate-like supporting frame part (2, 2') feet (5, 5'; 50, 50') serving to support the supporting frame on the floor are fastened.
12. Supporting frame according to claim 11, characterized by the fact that the feet (50, 50') are at a distance from the plate-like transverse part (2, 2') in the longitudinal direction.
13. Support for force-locking fixation to a supporting frame part (3, 3') extending in a longitudinal direction, in particular according to one of the claims 1 to 12, characterized by the fact that the support (13.1 to 13.4) comprises two elements (60, 60') extending in the direction transverse to the longitudinal direction and at a distance from one another in the longitudinal direction, each of which comprises two parts (70, 71) supported on, opposite one another in the transverse direction, areas of the supporting frame part (3, 3') as well as, extending between the two elements (60, 60'), at least two counterbearing elements (72), one of which is supported on the parts (70) supported on one area and the other is supported on the parts (71) supported on the opposite area, and at least one tightening element (76) extending in the transverse direction and pressing the counterbearing elements together.
14. Support according to claim 13, characterized by the fact that each of the two elements (60, 60') extending in the direction transverse to the longitudinal direction is configured in the form of a flat plate whose principal plane extends in the direction transverse to the longitudinal direction.

15. Support according to claim 13 or 14, characterized by the fact that each of the two elements (60, 60') extending in the direction transverse to the longitudinal direction has in its areas supported on the supporting frame part (3, 3') a form complementary to the cross section of the supporting frame part (3, 3').
16. Support according to one of claims 13 to 15, characterized by the fact that each of the counterbearing elements (72) has the form of a bolt extending in a longitudinal direction each of whose two longitudinal ends are connected to one of the parts (70, 71) in question.
17. Support according to one of claims 13 to 16, characterized by the fact that the tightening element (76) is configured in the form of a screw bolt whose head (77) is fixed to one counterbearing element (72) and whose shaft is fixed to the other counterbearing element (72).